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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/629,614	07/30/2003	Won-Youl Choi	277/006	6106

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EXAMINER

SCHINDLER, DAVID M

ART UNIT	PAPER NUMBER
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2862

DATE MAILED: 09/01/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

**Advisory Action
Before the Filing of an Appeal Brief**

Application No.

10/629,614

Applicant(s)

CHOI ET AL.

Examiner

David Schindler

Art Unit

2862

--The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

THE REPLY FILED 04 August 2006 FAILS TO PLACE THIS APPLICATION IN CONDITION FOR ALLOWANCE.

1. ☒ The reply was filed after a final rejection, but prior to or on the same day as filing a Notice of Appeal. To avoid abandonment of this application, applicant must timely file one of the following replies: (1) an amendment, affidavit, or other evidence, which places the application in condition for allowance; (2) a Notice of Appeal (with appeal fee) in compliance with 37 CFR 41.31; or (3) a Request for Continued Examination (RCE) in compliance with 37 CFR 1.114. The reply must be filed within one of the following time periods:

- a) ☒ The period for reply expires 5 months from the mailing date of the final rejection.
b) ☐ The period for reply expires on: (1) the mailing date of this Advisory Action, or (2) the date set forth in the final rejection, whichever is later. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of the final rejection.

Examiner Note: If box 1 is checked, check either box (a) or (b). ONLY CHECK BOX (b) WHEN THE FIRST REPLY WAS FILED WITHIN TWO MONTHS OF THE FINAL REJECTION. See MPEP 706.07(f).

Extensions of time may be obtained under 37 CFR 1.136(a). The date on which the petition under 37 CFR 1.136(a) and the appropriate extension fee have been filed is the date for purposes of determining the period of extension and the corresponding amount of the fee. The appropriate extension fee under 37 CFR 1.17(a) is calculated from: (1) the expiration date of the shortened statutory period for reply originally set in the final Office action; or (2) as set forth in (b) above, if checked. Any reply received by the Office later than three months after the mailing date of the final rejection, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

NOTICE OF APPEAL

2. ☐ The Notice of Appeal was filed on _____. A brief in compliance with 37 CFR 41.37 must be filed within two months of the date of filing the Notice of Appeal (37 CFR 41.37(a)), or any extension thereof (37 CFR 41.37(e)), to avoid dismissal of the appeal. Since a Notice of Appeal has been filed, any reply must be filed within the time period set forth in 37 CFR 41.37(a).

AMENDMENTS

3. ☒ The proposed amendment(s) filed after a final rejection, but prior to the date of filing a brief, will not be entered because
(a) ☐ They raise new issues that would require further consideration and/or search (see NOTE below);
(b) ☒ They raise the issue of new matter (see NOTE below);
(c) ☐ They are not deemed to place the application in better form for appeal by materially reducing or simplifying the issues for appeal; and/or
(d) ☐ They present additional claims without canceling a corresponding number of finally rejected claims.

NOTE: See Continuation Sheet. (See 37 CFR 1.116 and 41.33(a)).

4. ☐ The amendments are not in compliance with 37 CFR 1.121. See attached Notice of Non-Compliant Amendment (PTOL-324).
5. ☐ Applicant's reply has overcome the following rejection(s): _____.
6. ☐ Newly proposed or amended claim(s) _____ would be allowable if submitted in a separate, timely filed amendment canceling the non-allowable claim(s).
7. ☒ For purposes of appeal, the proposed amendment(s): a) ☒ will not be entered, or b) ☐ will be entered and an explanation of how the new or amended claims would be rejected is provided below or appended.
The status of the claim(s) is (or will be) as follows:
Claim(s) allowed: _____.
Claim(s) objected to: _____.
Claim(s) rejected: 1 and 17-31.
Claim(s) withdrawn from consideration: _____.

AFFIDAVIT OR OTHER EVIDENCE

8. ☐ The affidavit or other evidence filed after a final action, but before or on the date of filing a Notice of Appeal will not be entered because applicant failed to provide a showing of good and sufficient reasons why the affidavit or other evidence is necessary and was not earlier presented. See 37 CFR 1.116(e).
9. ☐ The affidavit or other evidence filed after the date of filing a Notice of Appeal, but prior to the date of filing a brief, will not be entered because the affidavit or other evidence failed to overcome all rejections under appeal and/or appellant fails to provide a showing of good and sufficient reasons why it is necessary and was not earlier presented. See 37 CFR 41.33(d)(1).
10. ☐ The affidavit or other evidence is entered. An explanation of the status of the claims after entry is below or attached.

REQUEST FOR RECONSIDERATION/OTHER

11. ☒ The request for reconsideration has been considered but does NOT place the application in condition for allowance because:
See Continuation Sheet.
12. ☐ Note the attached Information Disclosure Statement(s). (PTO/SB/08 or PTO-1449) Paper No(s). _____
13. ☐ Other: _____.


EDWARD LEFKOWITZ
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Continuation of 3 and 11. NOTE: With regard to Section 6 on page 3 of the Remarks, the Examiner respectfully disagrees. Claim 28 appears to introduce new matter as the original disclosure does not appear to support a pick-up coil alternately winding a core in a figure-eight pattern.

Additionally, the Examiner notes that Claims 20, 22, 23, 24, and 25 appear to introduce new matter. As all claims appear to contain a similar issue, Claim 20 will be used as an example. The phrase "the second excitation coil portion winds around one of the bar-type portions of the first parallel of bar-type portions of the second soft magnetic core and the second pick-up coil portion winds around the other of the bar-type portions of the first parallel pair of bar-type portions of the second soft magnetic core" on lines 8-12 appears to introduce new matter. Specifically, the use of the phrase "the first parallel pair" in the above phrase appears to be incorrect. Note that if the first excitation coil portion winds around one of the bar-type portions of the first parallel pair of bar type portions of the first magnetic core (lines 3-4 of claim 20), and if the first parallel pair of bar-type portions extend along the first axial direction (lines 2-3 of Claim 17), and given Applicant's Figures 5A-5F, then it appears that the second excitation coil portion winds around one of the bar-type portions of the second parallel pair of bar-type portions of the second soft magnetic core, and not the first parallel pair as claimed. Note that the second parallel pair of bar-type portions extends along the second axial direction (lines 3-4 of Claim 17), and that the second axial direction is perpendicular to the first axial direction (lines 10-11 of Claim 1). Finally, Claim 30 appears to contain new matter in that the excitation coil portions are claimed to wind around both bar-type portions of either the first parallel or second parallel pair of bar-type portions of the first and second magnetic core, respectively, together in a solenoid pattern (see lines 9-14); however, this claimed feature does not appear to be supported by the original disclosure. Note for example applicant's Figure 1 and paragraph [0009] of page 3 of Applicant's specification in which it appears that the excitation coil winds each side of the rectangular ring in a solenoid pattern, but does not wind the two bars together in a solenoid pattern. It is respectfully requested that Applicant review the claims and correct all instances of new matter.